@017/021 #6

COMBINE	IBINED DECLARATION &		Att mey Docket Number	PG1-1	
POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION		DRNEY	First Named Inventor	Herve Jouishomme	
			COMPLETE IF KNOWN		
(37 CFR 1			Application Number	09/980,080	
Declaration		Declaration OR Submitted After	Filing Date	30 November 2001	
Submitted With Initial	OR		Group Art Unit		
With Initial Initial Filing Filing (37 CFR 1.16(e) Required)	Examiner Name				

As a below named	d Inventor, I hereby decl	are that:				
My residence, post	office address, and citize	enship are as stated below	w next to my name.			
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:						
3-DIMENSIONAL IN VITRO MODELS OF MAMMALIAN TISSUES						
the specification of which						
is attached hereto OR						
	as filed on (MM/DD/YYYY) 06/02/2000 as United States Application Number or PCT International Application Number PCT/CA00/00650 and was amended on (MM/DD/YYYY) 09/06/2001					
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365 (b) of any foreign application(s) for patent or						
the United States of	r, or 365(a) or any PCT into America, listed below and or's certificate, or of any P(itemational application wh id have also identified bel	hich designated at least of	one country of	ther than	
Prior Foreign Application Number(a)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Priority Not Claimed Yes No			
			0			
☐ Additional fore	ign application numbers are	: listed on a supplementary	priority data sheet (PTO/SB/	2/02R\ attached	harata:	

COMBINED DECLARATION & Utility or Design Pat	PRNEY-	Attorney Docket No. PG1-1				
l hereby appoint J. Wayne Anderson,	Regn no. 28,158			· ·		1
as my/our attorney(s) or agent(s) to pros United States Patent and Trademark Off	ecute the application	identified abou	ve, and to trans	sact all busine	ess in the	
Direct all correspondence to:	J. Wayne Anderso P.O. Box 1266, St Ottawa, Ontario, O Tel: (613) 993-389 Facsimile: (613) 9	ation B Sanada K1P 5 99				
I hereby declare that all statements made he and belief are believed to be true; and further the like so made are punishable by fine or im such wilful false statements may jeopardize th	unat these statements y	vere made with i	the knowledge t	hat wilful false s		
NAME OF SOLE OR FIRST INVENTOR	☐ A petition has been filed for this unsigned inventor			1		
Given Name (first and middle [if any])	Family Name or Surname Jouishomme				1	
Inventor's Signature	Date			1		
Residence: City	State	Country		Citizenship	France	
Mailing Address						
City	State	ZIP		Country		
NAME OF SECOND INVENTOR:	☐ A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])	Family Name or Surname Phipps					
Inventor's Signature	Date & 4 Oct Look			C 1		
Residence: City Chelsea	State Quebec	Country Ca	nada	Citizenship	Canadian	Ch
Mailing Address 980 Route 105				<u> </u>		
City Chelsea	State Quebec	ZIP J	9B 1P3	Country	Canada	
NAME OF THIRD INVENTOR:	☐ A petition has been filed for this unsigned inventor			İ		
Given Name (first and middle [if any])	Family Name or Surname Phipps					
Inventor's Signature	Mh	Date	10 001	tober a	002	
Residence: City Chelsea	State Quebec	Country Ca	nada	Citizenship	Canadian	CA
Mailing Address 980 Route 105		<u> </u>		<u> </u>		
City Chelsea	State Qu bec	ZIP J	9B 1P3	Country	Canada	

[Page 2 of 3]

Additional Inventors ar being named on the supplemental Additional Inventors sheet PTO/SB/02A attached hereto.

Country

Canada

COMBINED DECLARATION & PO Utility or Design Patent	NEY-	EY- ADDITIONAL INVENTOR(S) Supplemental Sheet 11280-01 US				
NAME OF FORTH INVENTOR:		☐ A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any]) Suzanne			ame or Surname	Lacelle		
Inventor's Signature Suzanne Lacelle			Date 07-10-02			
Residence: City Orleans	State Ontario	Country	Canada	Citizenship Canadian		
Mailing Address 921 Chaleur Way						
City Orleans	State Ontario	ZIP	K1C 2R9	Country Canada		
NAME OF FIFTH INVENTOR:			☐ A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])			Family Name or Surname			
Inventor's Signature		Date				
Residence: City	State	Country		Citizenship		
Mailing Address						
City State		ZIP		Country		
NAME OF SIXTH INVENTOR:			☐ A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])			Family Name or Surname			
Inventor's Signature		Date				
Residence: City	State	Country		Citizenship		
Mailing Address						
City	State	ZIP		Country		
NAME OF SEVENTH INVENTOR:			☐ A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])			Family Name or Surname			
Inventor's Signature			Date			
Residence	State			Cítizenship		
City	State	ZIP		Country		

CAX

ATION FORM C

To the Honorable Commissioner of Patents and Trademark

1. Name of conveying Party(ies):

Herve Jouishomme, Jenny Phipps, Michel Phipps and Suzanne Lacelle

Additional name(s) of conveying party(ies) attached? Yes X No

3. Nature of Conveyance:

X Assignment

Merger

Change of Name

Security Agreement

Execution Date: October 30, 2001 4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is: 30 November 2001

A. Patent Application No.(s)

B. Patent No.(s)

Enclosed

Additional numbers attached? Yes

5. Name and address of party to whom correspondence 6. Total number of applications and patents involved $oldsymbol{1}$

to be charged to deposit account

8. Deposit account number:

7. Total fee (37 CFR 3.41)\$40.00

(attach duplicate copy of this sheet if paying by deposit acct)

Name: J. Wayne Anderson

concerning document should be mailed:

Street Address: P.O. Box 1266, Station B

State: Ontario

City: Ottawa

P stal Code: K1P 5R3

Country: Canada

12/05/2001 MNGUYEN 00000035 09980080

9. Statement and Signature.

95 FC:581

To the best of my knowledge and belief, the foregoing Information is true and correct and any attached copy is a true copy of the

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original document.

J. Wayne Anderson Name of Person Signing

2801 melon 2001

Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washingt n D.C. 20231

File No: PG1-1

ients or c py thereof

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2. name and address freceiving party(ies)

National Research Council of Canada

Internal address: Intellectual Property Services

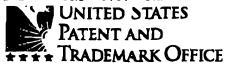
Bldg. M-58, Room EG-12

Street Address: Montreal Road City: Ottawa State: Ontario

Postal Code: K1A 0R6 Country: Canada

Additional name(s) & addresses attached?

09/980080



MARCH 14, 2002

PTAS

Chief Information Officer Washington, DC 20231 www.uspto.gov

J. WAYNE ANDERSON
P.O. BOX 1266, STATION B
OTTAWA, ONTARIO CANADA K1P 5R3



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/30/2001

REEL/FRAME: 012476/0582

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JOUISHOMME, HERVE

DOC DATE: 10/30/2001

ASSIGNOR:

PHIPPS, JENNY

DOC DATE: 10/30/2001

ASSIGNOR:

PHIPPS, MICHEL

DOC DATE: 10/30/2001

ASSIGNOR:

LACELLE, SUZANNE

DOC DATE: 10/30/2001

ASSIGNEE:

NATIONAL RESEARCH COUNCIL OF CANADA MONTREAL ROAD INTELLECTUAL PROPERTY SERVICES, BLDG. M-58, ROOM EG-12 OTTAWA, ONTARIO, CANADA K1A OR6 012476/0582 PAGE 2

SERIAL NUMBER: 09980080

PATENT NUMBER:

FILING DATE: ISSUE DATE:

DOROTHY BASMA, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

BE, KAR OKE

CILO

Whereas, we, JOUISHOMME/Herve; PHIPPS, Jenny; PHIPPS, Michel; and LACELLE, Suzanne, citizens of Canada, residing at

ASSIGNMENŢ

980 R ute 105, Chels a, Quebec, JOX 1MO Canada; 980 Route 105, Chelsea, Quebec, JOX 1NO Canada, and 921 Chaleur Way, Orleans, Ontario, K1C 2R9 Canada; respectively, have made an invention for which we have made application in the United States of America and the International PCT Office; and

Whereas National Research Council of Canada, incorporated as a company under the National Research Council Act by the Parliament of Canada, and situated in the city of Ottawa, Province of Ontario, Canada, is desirous of acquiring the entire interest therein;

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we do sell and assign to National Research Council of Canada, our full and exclusive right, for the territory of Canada and the United States Of America and all other countries, including the right to file said foreign applications under the provisions of the International Convention, in and to the said invention as described and claimed in the application for patent entitled

3-Dimensional In Vitro Models Of Mammalian Tissues

Application S.N. 60/137,596 filed on the 3rd day of June, 1999 in the United States of America and Application PCT/CA00/00650 filed June 2, 2000 in the International PCT Office therefor, and we hereby request the Commissioner of Patents and Trademarks in all countries to issue said Letters Patent, as far as our rights are concerned, to National Research Council of Canada, as the

2/3

assigne, for the sol behoof of said National Research Council of Canada, and its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sal not been made.

Executed this <u>30</u> day of		
Vu pour la légalte Vérnissieux (Ma de MAJOKSHOTTE Herry	mec).	aus hout
Cotto legalitation and comparate number whether the discontinued described describing memory and described described.	-	Herve JOUISHOMME
1.0 3:0:0CT: 2001	Declaration by V	Vitnass
W. A. No V. Pour le Maire.	_	
Le Emericani, com Repense		, whose full post office
- 7		46 Chu E. Rlygia - say:
•	•	I see, Herve Jouishomme, who is
personally known to me di	uly sign and execu	ite the above Assignment.
Executed this <u>Z2</u> day of at	october, 200	MAIRIE DE VENISSIEUX MOULIN A VENT 44°, Rue Emest Henen 69200 VENISSIEUX Tél. 04 72 78 80 30
	Declaration by W	Vitness
1, LISE HU	a HE J	, whose full post office
address is 100 Suss	y Drue Ottes	KIAOR6 say:
That I was personal	ily present and did	l see, Jenny Phipps, who is
personally known to me du	uly sign and xecu	ite th above Assignment.
		- Elen

Executed this day of October . 2001 at Chelua (QC) Michel PHIPPS
Declaration by Witness
I. John Majore , whose full post office address is 2403 Og Ivie Road say: That I was personally present and did see, Michel Phipps, who is personally known to me duly sign and execute the above Assignment.
Executed this <u>22</u> day of <u>ocroser</u> , 2001
Suzanne LACELLE
Declaration by Witness
1, LISE HUGHES, whose full post office

1, LISE HUGHES, whose full post office address is Loadures Prince Other KIAGSay:

That I was personally present and did see, Suzanne Lacelle, who is personally known to me duly sign and execute the above Assignment.

... Page 1 of 1

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Jouishomme Jean-Claude

04 72 33 11 52

6 imp Lamartine 69003 LYON 03

Jouishomme Robert

04 78 29 98 37

13 r Henri Ferré 69004 LYON 04

Jouishomme Gilbert

04 72 74 00 85

144 r Vendôme 69006 LYON 06

Joulshomme Jeannine

04 78 04 39 50

38Bis r République 69330 MEYZIEU

Jouishomme Roger

04 78 31 65 60

29 r Louis Saulnier 69330 MEYZIEU

Jouishomme Bernard

04 78 02 04 70

r Grande Borne 69360 SEREZIN DU RHONE

Jouishomme Hervé

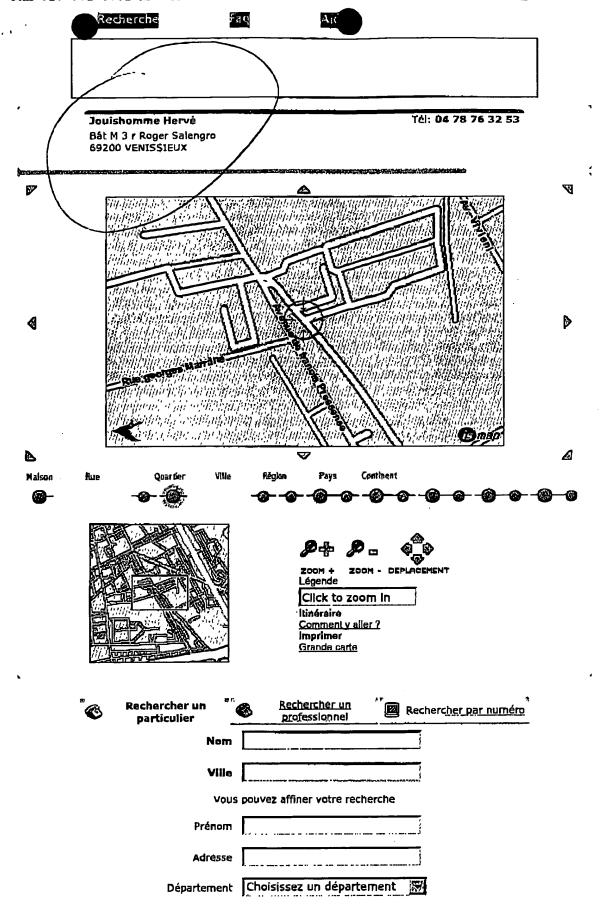
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ce Ministère de la Justice Canada

NRC Legal Services 1200 Montreal Rd. Building M-56, Room S-314 Ottawa, ON K1A 0R6

6 Scptember 2002

File/Dossier 11006-1

11212-1

Dr. Herve Jouishomme 3 rue Roger Salengro 69200 Venissieux France

Dear Dr. Jouishomme

RE: EXECUTION OF ASSIGNMENTS TO NRC AND DECLARATION/POWER OF ATTORNEY FORMS

Please find enclosed for your execution a number of documents relating to inventions made during your tenure as a Public Servant for which you have been identified as an inventor. The documents are:

- 1. Declaration/Power of Attorney form for an invention entitled "Three Dimensional In vitro Models of Mammalian Tissues"; and
- 2. Assignment to NRC and Declaration/Power of Attorney forms for an invention entitled "Methods for Modulating Gap Junctions".

In each case, your interest in the above-noted inventions vested with NRC by virtue of the *Public Servants Inventions Act* (the "Act").

Please be advised that the Act further requires the public servant to execute all documents as may be necessary for the filing of an patent application for such inventions. A full copy of the each patent application is enclosed for your reference.

In addition, under NRC's inventorship award plan you continue to be eligible for awards derived from commercialization of these inventions.

Therefore, please execute the necessary enclosed forms and return the same in the provided Courier envelope at your earliest convenience.

Your prompt attention to this matter is greatly appreciated.

Best regards,

Shawn D Langlois, Counsel

NRC Legal Services

613,998,7015

cc: Wayne Anderson, NRC

